

PI 572306. *Pennisetum glaucum* (L.) R. Br. POACEAE Pearl millet

Donated by: Talukdar, B.S., ICRISAT, Cereals Program, Patancheru, Andhra Pradesh 502 324, India; and Nebraska Agr. Exp. Sta..

remarks: ICMP 423 PEARL MILLET. Received July 21, 1993.

origin: India. **developed:** K.N. Rai, B.S. Talukdar, S.D. Singh, A.S. Rao, A.M. Rao, B.P. Reddy, D.J. Andrews.
origin institute: ICRISAT, Cereals Program, Patancheru, Andhra Pradesh 502 324 India. **cultivar:** ICMP 423.
pedigree: S2 progeny of the C1 cycle bulk of the Early Composite (EC) at ICRISAT, Patancheru, India. Five generations of pedigree and pedigree bulk breeding was applied to this S2 progeny. **other id:** EC 221-1. **other id:** PL-22. **group:** CSR-MILLET, PEARL. **restricted:** CSR.
remarks: Restorer line of pearl millet single cross grain hybrid cv. ICMH 423. Height medium (147cm), 3-7 tillers per plant. Flowers in 49-57 days. Panicles compact, candle-shaped and short (16-17cm) with purple glumes. Grains medium-sized (7.5g 1000-1), globular to obovate in shape, and slate-gray in color. Showed better downy mildew resistance (mean 4% and range 0-23%) compared with check P7 (mean 7% and range 0-49%) across 11 disease nurseries in India and Africa and recorded mean yield of 1715kg ha-1 at Patancheru. Breeding Material. Seed.

PI 572307. *Pennisetum glaucum* (L.) R. Br. POACEAE Pearl millet

Donated by: Rai, K.N., ICRISAT, Cereals Program, Patancheru, Andhra Pradesh 502 324, India. Received July 21, 1993.

origin: India. **cultivar:** ICMP 451. **pedigree:** Eight generations of selfing and pedigree + pedigree bulk breeding in a full-sib progeny of the ICRISAT Late Composite. **other id:** LCSN-72. **remarks:** Restorer parent of a high yielding single-cross grain hybrid. Tall (1.7m) inbred line of mid-late maturity (87 d). Resistant to downy mildew (*Sclerospora graminicola*). Leaves broad, stem medium-thick, panicles semi-compact, mostly bristled and candle-shaped, which become loose towards the tip. Anthers yellowish at emergence and change to brick color after anthesis. Seed medium sized (8-9g 1000-1), globular in shape and gray in color. Annual. Breeding Material. Seed.

PI 572308. *Pennisetum glaucum* (L.) R. Br. POACEAE Pearl millet

Donated by: Raj, A.G.B., Int. Crp. Res Inst. for Semi-Arid Trop., (ICRISAT) Cereals Program, Patancheru, Andhra Pradesh 502 324, India. **remarks:** ICMV 155 Pearl Millet. Received July 21, 1993.